

FORM PTO-1330
(REV. 01-2003)

US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER
122129**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
10/520,105INTERNATIONAL APPLICATION NO.
PCT/FR03/02287INTERNATIONAL FILING DATE
July 18, 2003PRIORITY DATE CLAIMED
July 19, 2002TITLE OF INVENTION
FLEXIBLE BIOCHIPAPPLICANTS FOR DO/EO/US
Marc CUZIN et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
 - c. ☐ The International Application was filed in English.
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.51) 10/520,105		INTERNATIONAL APPLICATION NO. PCT/FR03/02287		ATTORNEY'S DOCKET NUMBER 29	
21. <input type="checkbox"/> The following fees are submitted.				CALCULATIONS PTO USE ONLY	
BASIC NATIONAL FEE (37 CFR 1.492(a)): \$ 300.00				\$	
SEARCH FEE (37 CFR 1.492(b)(1)-(3)):				\$	
International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA..... \$ 100.00					
International search report provided to USPTO no later than the time at which the search fee is paid \$ 400.00					
All situations not provided for above..... \$ 500.00					
EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)):				\$	
International preliminary examination report prepared by the USPTO as IPEA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national stage \$ 100.00					
All situations not provided for above..... \$ 200.00					
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
TOTAL PAGES OF APPLICATION OVER 100 (- 100)	÷ 50	= †	x 250 =	\$	
†round up to next integer					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
TOTAL CLAIMS	- 20	=	x 50.00 =	\$	
INDEPENDENT CLAIMS	- 3	=	x 200.00 =	\$	
MULTIPLE DEPENDENT CLAIM(S)(if applicable)			+ 360.00 =	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
TOTAL FEES ENCLOSED =				\$	
				Amount to be refunded:	\$
				charged:	\$
a. <input type="checkbox"/> Check No. _____ in the amount of \$ _____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0461. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC Customer Number: 25944					
Date <u>March 21, 2005</u>			NAME: William P. Berridge REGISTRATION NUMBER: 30,024		
			NAME: Philip A. Caramanica, Jr. REGISTRATION NUMBER: 51,528		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Marc CUZIN et al.

Application No.: 10/520,105

Filed: January 11, 2005

Docket No.: 122129

For: FLEXIBLE BIOCHIP

INFORMATION DISCLOSURE STATEMENT

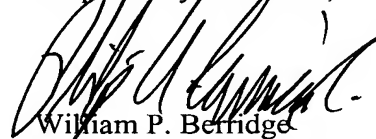
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of references 1-3 and 8-19 are discussed in the present specification.
- ☒ 3. The references 3-7 were cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information.
- ☒ 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.

Respectfully submitted,



William P. Berridge
Registration No. 30,024

Philip A. Caramanica, Jr.
Registration No. 51,528

WPB:PAC/mps
Date: March 21, 2005

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<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 122129		APPLICATION NO. 10/520,105	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Marc CUZIN et al.			
				FILING DATE January 11, 2005		GROUP	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1	6,015,880	1/18/2000	BALDESCHWIELER et al.		
	2	6,090,933	7/18/2000	KAYYEM et al.		
	3	5,744,305	4/28/1998	FODOR et al.		
	4	6,392,162 B1	5/21/2002	KARABATSOS		
	5	5,556,300	9/17/1996	PARKER		
	6	6,190,196 B1	2/20/2001	KATO		
	7	4,295,695	10/20/1981	DODDS		

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	8	FR 2 703 359	10/7/1994	FRANCE		
	9	WO 94/22889 A1	10/13/1994	WIPO		
	10	EP 0 691 978 B1	10/8/1997	EUROPE		
	11	FR 2 787 582	6/23/2000	FRANCE		
	12	WO 00/36145 A1	6/22/2000	WIPO		
	13	WO 00/47317 A1	8/17/2000	WIPO		
	14	FR 2 742 451	6/20/1997	FRANCE		
	15	WO 97/22648 A1	6/26/1997	WIPO		
	16	WO 95/25116 A1	9/21/1995	WIPO		
	17	WO 01/51689 A1	7/19/2001	WIPO		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
	18	CUZIN, "DNA Chips: A New Tool for Genetic Analysis and Diagnostics," <i>Transfusion Clinique et Biologique</i> 2001, vol. 8, pp. 291-296 {2001}
	19	PIRRUNG, "How to Make a DNA Chip," <i>Angew. Chem. Int. Ed.</i> , vol. 2002.41, pp. 1276-1289 {2002}

EXAMINER	DATE CONSIDERED
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Examiner:	Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
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Date: March 21, 2005